



National Weather Service

Storm Data and Unusual Weather Phenomena



August 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Estimated Damage Property	Crops	Character of Storm
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ILLINOIS, Northwest

Jo Daviess County Central Portion	20	1852CST 2230CST			0	0			Urban/Sml Stream Fld
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Jo Daviess County West Central Portion	20	1930CST 2030CST			0	0	2K		Flash Flood
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Strong thunderstorms dumping 3 to nearly 5 inches of heavy rain over East Central Iowa and Northwest Illinois caused minor urban flooding in and around the city of Galena. The same storm also drenched the Small Pox Creek basin setting off a flash flood and causing damage in The Galena Territory. As the flood waters poured into the Lake Galena marina the surge of water broke pilings and tie-downs, and broke docks apart. Only minor damage was noted to eleven boats which were broken loose and set adrift in the lake. Two boats were found adjacent to the Eagle Ridge docks, one small fishing boat was found beneath a pontoon boat, and two boats sank. On a hillside above the lake a cornfield was also flattened by the storm. An observer for the Jo Daviess County Extension Service recorded 4.45 inches of rain near Lake Galena.

Jo Daviess County Elmville	24	1058CST			0	0			Thunderstorm Wind (G56)
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Jo Daviess County Hanover	24	1100CST			0	0			Thunderstorm Wind (G52)
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Carroll County Savanna	24	1110CST			0	0			Thunderstorm Wind (G70)
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Carroll County Mt Carroll to Lanark	24	1115CST 1130CST			0	0			Thunderstorm Wind (G74)
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Stephenson County 3 N Pearl City	24	1118CST			0	0			Thunderstorm Wind (G65)
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Stephenson County Freeport to 3 S Freeport	24	1130CST			0	0			Thunderstorm Wind (G70)
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Stephenson County Pearl City	24	1130CST	0.5	50	0	0	80K		Tornado (F1)
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Stephenson County 1 SE German Vly	24	1145CST			0	0			Thunderstorm Wind (G65)
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Severe thunderstorms developed over North Central Iowa and moved eastward into Illinois blowing down trees, limbs, and powerlines. Numerous homes and farm buildings were damaged by the winds, several vehicles were smashed by falling trees and branches, and thousands of acres of corn and soybeans were damaged or destroyed. In Stephenson County a tornado cut a path through the Pearl City area severely damaging a home and destroying a garage. At the Stephenson County Fair three-fourths of the tents were knocked down. A woman and a kid goat were injured when the tents collapsed. Telephone and electric service was out throughout much of the Elizabeth and Hanover areas due to trees falling on utility lines.

Carroll County Central Portion	24	2223CST 2325CST			0	0			Thunderstorm Wind (G56)
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Numerous trees and branches were downed by strong thunderstorm winds at Palisades State Park north of Savanah and at the Timberlake campground near Mount Carroll.



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IOWA, East Central and Southeast

Buchanan County Independence	24	0938CST			0	0			Thunderstorm Wind (G52)
Buchanan County Winthrop	24	0940CST			0	0			Thunderstorm Wind (G50)
Delaware County Manchester	24	0950CST			0	0			Thunderstorm Wind (G52)
Delaware County 1 N Sand Spg	24	1010CST			0	0	35K		Thunderstorm Wind
Dubuque County Countywide	24	1010CST 1055CST			0	0			Thunderstorm Wind (G70)
Delaware County Earlville	24	1017CST			0	0			Thunderstorm Wind (G52)
Jones County Monticello	24	1020CST			0	0	1K		Thunderstorm Wind
Dubuque County Cascade	24	1022CST			0	0			Thunderstorm Wind (G69)
Dubuque County Dubuque Arpt	24	1034CST			0	0			Thunderstorm Wind (G68)
Dubuque County Key West	24	1035CST			0	0			Thunderstorm Wind (G52)
Jackson County Countywide	24	1040CST 1120CST			0	0			Thunderstorm Wind (G78)
Jackson County Fulton	24	1045CST			0	0			Thunderstorm Wind (G52)

Severe thunderstorms developed over North Central Iowa and moved eastward into Buchanan County downing trees, limbs and powerlines across the county. The storms then pushed east across Northeast Iowa and into Illinois leaving a trail of damage. Numerous homes and farm buildings were damaged by the winds and several vehicles were smashed by falling trees and branches. A 1996 International daycab tractor trailer traveling south on Hwy 38 sustained \$35,000 in damage when it was overturned by strong winds north of Sand Springs. North of Maquoketa another semi on U.S. 61 was blown over. One homeowner south of Dubuque lost more than 50 trees on his 1.7 acre property, a fountain was smashed and rain gutters were ripped from his house. Bellevue State Park was closed due to nearly 100 downed trees. Damage to homes, trees and property in and around the cities of Andrew, Bernard, Cascade, and Springbrook was severe. In Dubuque strong winds ripped the roof off an Elementary school. The roof then caved in over four of the classrooms filling the rooms with insulation and debris. There were no injuries to the 190 students and 12 teachers at the school.

Jackson County Countywide	24	2119CST			0	0	120K		Thunderstorm Wind
Jones County Canton	24	2128CST			0	0			Thunderstorm Wind (G52)
Jackson County Preston	24	2212CST 2215CST			0	0			Thunderstorm Wind (G51)
Jackson County Andrew	24	2218CST			0	0			Thunderstorm Wind (G56)
Jackson County Preston	24	2223CST			0	0			Thunderstorm Wind (G56)



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IOWA, East Central and Southeast

Clinton County

Goose Lake

24 2225CST

0 0

Thunderstorm Wind (G56)

Strong thunderstorms racing across Northeast Iowa and Northwest Illinois left a trail of destruction with numerous trees, powerlines, and buildings damaged or destroyed by gusty winds. The storms flattened acres of corn from Andrew to Goose Lake. Outside of Andrew several barns and farm buildings blew down and pieces of a metal building were blown into an electrical substation. Also destroyed by the winds were several hundred acres of timber property valued at \$1,200 per acre.

WISCONSIN, Extreme Southwest

NONE REPORTED.